



Municipal Electric Monitors

AKRON BRASS COMPANY | PH. 800.228.1161 (330.264.5678) | akronbrass.com

Forestry Multi-Purpose Monitor 300 GPM (1140 LPM)

The 3462 provides an extremely rugged durable design ideal for a multitude of applications with flows up to 300 gpm (1140 lpm). This compact monitor features a fully sealed integrated electrical control system with waterproof locking connectors for all motors, power and control connections to withstand harsh environments. The high speed motors provide proportional speed control for pinpoint stream positioning and accuracy. With a wide range of available nozzles, the 3462 is ideal for use in water, foam and CAFS applications.

Standard Features:

- CAN proportional speed joystick control
- Lightweight Pyrolite® construction, 23 lbs. (10.4 kg) without nozzle
- Integrated and sealed electronics
- Waterproof (IP 67 rated) locking connectors
- Simple “plug and play” installation
- 320° maximum rotation range with stops at +/- 90°
- 135° maximum elevation range with stops at +45° and -20°
- 12V or 24V (Must Specify)

Nozzle Options:

- Style 3293 low flow adjustable electric fog nozzle with flush 30-60-95-125 gpm (115-230-360-475 lpm)
- Style 3293 mid flow adjustable electric fog nozzle 125-175-250-300 gpm (475-660-950-1140 lpm)
- Style 3293 fixed orifice fog nozzles (must specify flow and pressure)
- Quick Attack™ foam tube attachments for Style 3293 fog nozzles
- Smooth bore tips

Additional Options:

- 2" quick disconnect
- Wireless remote control (CAN interface)
- 2" electric valve
- Flat disperse fog pattern available on all Style 3293 nozzles



Style 3462
Shown with 3293
125-300 gpm Nozzle



Style 6035
CAN Joystick



Wireless Remote
Control Available



Style 6037
CAN Wireless
Interface



“Plug and play” connectors



2" Quick-Disconnect,
Ideal for Cab
Forward Trucks

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3462	23** (10.4 kg)	13 3/16"* (335 mm)	11 9/16" (294 mm)	8 29/32" (226 mm)	2" NPT (50 mm)	1 1/2" (38 mm)	300	1140

* Base to center of outlet
** Not including nozzle





FireFox™ Multi-Purpose Monitor 500 GPM (1900 LPM)

The FireFox Electric Monitor from Akron® is a technologically advanced remote controlled monitor with flows up to 500 gpm (1900 lpm). The FireFox Monitor is designed to meet various water, foam, CAFS, and dry chemical needs. This versatile monitor can be used for wildland firefighting, mini pumpers, crash truck turrets, deicing, fixed site facilities, arena protection and many other unique applications.

3463 FireFox Electric Monitor

- 320° horizontal travel with adjustable stops at +/- 90°
- 135° vertical travel (+90° to -45°) with adjustable stops at +45° and -20°

Monitor Options: (Must specify)

- Automatic Oscillation & Stow
- Remote 2" or 2 1/2" Electric Valve
- 12 or 24 volt (Must specify)
- 2" Quick disconnect
- Position feedback - Optional

Nozzle Options:

- See page 193 for Monitor/Fog Nozzle Compatibility Chart
- Adjustable or Single Fixed Flow Baffle up to 500 gpm (1900 lpm)
- Dry Chemical Nozzle - Optional
- Foam Tubes - Optional (See page 35)
- Smooth bore tip with mini shaper

NOTE: All FireFox Fog Nozzles are available with optional flat dispersed pattern



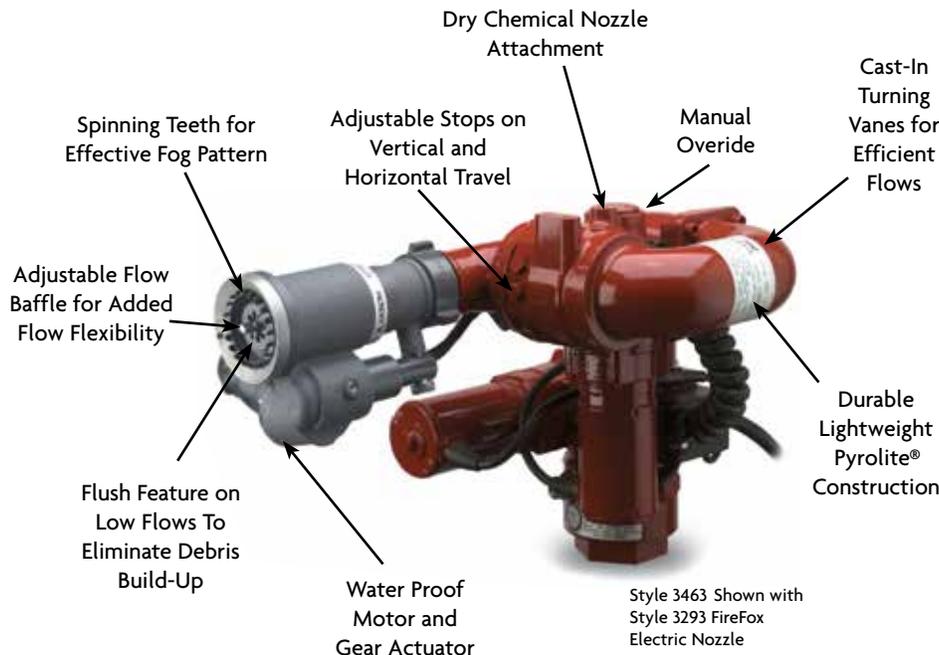
Adjustable Flows Available
See page 41 for nozzle specs

3293 Nozzle Options

Low Flow	GPM	30	60	95	125
	LPM	115	230	360	475
Medium Flow	GPM	125	175	250	350
	LPM	475	660	950	1325
High Flow	GPM	350	400	450	500
	LPM	1325	1525	1700	1900



2" Quick-Disconnect,
Ideal for Cab
Forward Trucks



Style 3463 Shown with
Style 3293 FireFox
Electric Nozzle



FireFox available with
position feedback for
Position Indicator option



Wireless Remote
Control Available

Style	Weight lbs. (kg)	Stow Position			Inlet	Outlet	Flow	
		Height	Width	Depth			GPM	LPM
3463	25 (11.3 kg)*	11 3/4" (298 mm)	11" (279 mm)	11 1/2" (292 mm)	2" or 2 1/2" NPT (50 or 65 mm) 1 1/2" or 3" FL (38 or 75 mm)	1 1/2" or 2 1/2" NH (38 or 65 mm)	500	1900

* Less nozzle



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Gemini™ Monitor 1000 GPM (3800 LPM)

The Gemini Monitor is of Pyrolite® construction with a compact split waterway designed with cast-in turning vanes. Providing high performance and exceptional durability.

3479 Electric Gemini Monitor

- 135° vertical travel and 348° horizontal travel, both with adjustable stops
- Manual override
- 12 or 24 volt (24 volt version CE approved - Must specify)
- Wireless remote control available
- See page 203 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3479	46* (20.8 kg)	20" (508 mm)	13 1/4" (336 mm)	10 3/16" (259 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800

* Less nozzle



Style 3479
Shown with Style 5177
Akromatic Nozzle



Wireless Remote Control Available

Ladder Pipes 1000 GPM (3800 LPM)

The Akron® Electric Ladder Pipe offers a lightweight, compact design for unpiped ladder trucks.

1494 Electric Ladder Pipe

- Remote operation eliminates manual maneuvering of both the ladder pipe and nozzle
- 135° vertical travel with adjustable stops
- Elevation 90° above to 45° below horizontal
- Manual override
- Adjustable mounting clamps standard for round rung ladders, square clamps optional

Monitor Options - Must Specify:

- 12 or 24 volt (24 volt version CE approved)
- 100' cord reel with cord grip and guides
- Wireless remote control available
- 14950007 Mounting fixture

See page 55, 210 for Electric Monitor Accessories



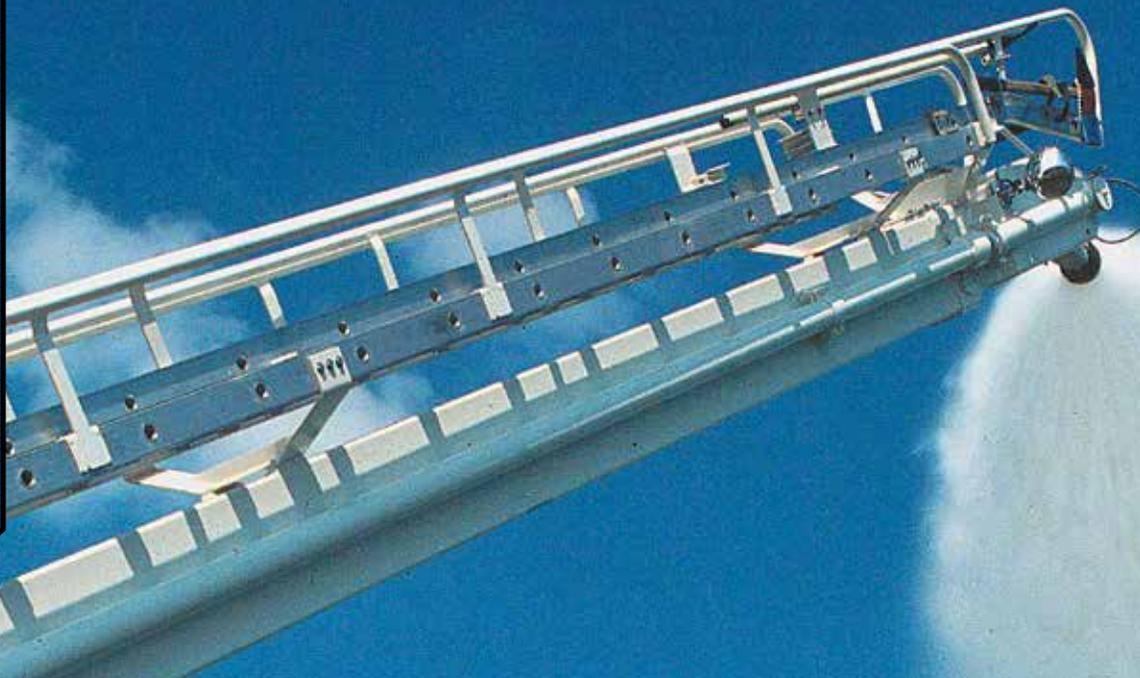
Style 1494
Shown with
Style 5177
Akromatic® Master
Stream Nozzle



Wireless Remote Control Available

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
1494	30 (13.6 kg)*	36 7/8" (937 mm)	10 31/32" (279 mm)	13 1/32" (331 mm)	2 1/2" or 3" NH (65 or 75 mm)	2 1/2" (65 mm)	1000	3800

* Less Nozzle





Apollo™ Electric Monitor 1250 GPM (4800 LPM)

The Style 3418 provides a cost effective, fixed mount electric deck monitor solution with flows up to 1250 gpm (4800 lpm), integrated CAN based control system with fully sealed IP 67 rated connectors, and built-in wireless control capability. The Style 3418 has 355 degrees of horizontal travel and can be programmed to oscillate anywhere over the entire range. The Apollo Electric can be paired with the industry standard Style 5177 Akromatic 1250 fog nozzle, the unique Style 1577 SaberMaster combination smooth bore and fog nozzle, as well as standard stacked tip sets or master stream foam tubes. The combination of innovation and versatility makes the Apollo Electric monitor an excellent choice for an entry level remote control fire monitor.

3418 Apollo™ Electric Monitor

- Lightweight Pyrolite construction
- Simple “plug and play” installation
- Integrated wireless compatibility, Utilizing the optional 3600 hand held remote control
- Waterproof (IP 67 rated) control system with locking connectors
- Rotation Range 355°
- Elevation Range +75°, +35 (-20° optional)
- 12V or 24V operation
- Compatible with 3406 Electric Riser



Style 3418
Shown with 5177 Nozzle

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3418	35 (16 kg)*	13 3/16" (381 mm)	11 5/8" (335 mm)	14 7/16" (368 mm)	3" Flange (DN80)	2 1/2" Male (65 mm)	1250	4800

* Less nozzle

Nozzle Options:



Style 2499

Style 2498

Style 3485 Mini Shaper

Style 1577 SaberMaster Nozzle

Style 5177 Akromatic 1250 Nozzle

Style 5176 Excel™ 1000

Style 4040 Akrochem 1250 Nozzle

CAN Control Options Style 3480 & 3418



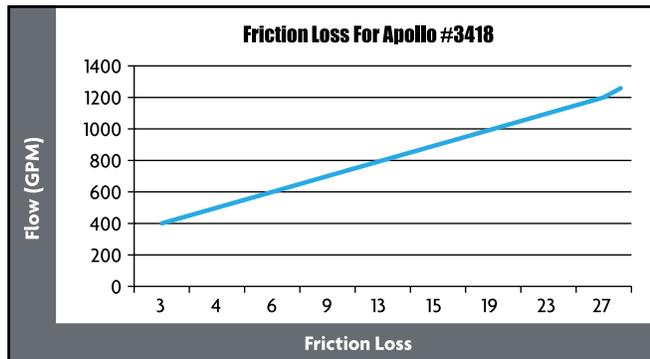
Style 6041 CAN Tether Control

Style 3600 Wireless Remote Control

Style 6035 CAN Joystick

Style 6041 CAN Panel Mount Control

Style 6041 CAN Mini Joystick Control



See page 55, 210 for Electric Monitor Accessories



Municipal Electric Monitors

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DeckMaster™ Monitor 1250 GPM (4800 LPM)

The DeckMaster Monitor is a technologically advanced, electrically controlled deck monitor with automated elevating capability. The unique design of the DeckMaster Monitor allows electric elevation and positioning 26" above the base of the flange for operation over obstructions with the push of a switch.

3440 DeckMaster Electric Monitor

- 340° horizontal rotation with adjustable stops
- Vertical travel 90° above to 45° below horizontal
- Manual override for horizontal, vertical and elevation control
- Stow position set easily by the end user
- Automatic drain for freeze protection
- Diagnostic light for trouble-shooting
- Connection for deployed indicator light
- Available in 12 or 24 volt (Must specify)
- Optional position feedback (Must specify)
- See page 203 for Monitor/Fog Nozzle Compatibility Chart



See page 55, 210 for Electric Monitor Accessories

Style 3440 Shown in a typical stowed position

Style	Weight lbs. (kg)	In Stowed Position			Inlet	Outlet	Flow	
		Height	Width	Depth			GPM	LPM
3440	55 (25 kg)*	14 1/2" (368 mm)	16 3/4" (425 mm)	17" (431 mm)	3" FL (75 mm)	2 1/2" NH (65 mm)	1250	4800

* Less Nozzle



Wireless Remote Control Available



Combine with the Style 1577 SaberMaster nozzle to meet new NFPA 1901 recommendations to use remote control monitors for safe deck gun operations.

Remote DeckMaster operation eliminates the need to have a firefighter on the deck to operate the monitor.



DeckMaster available with position feedback and position indicator option



Electric Riser

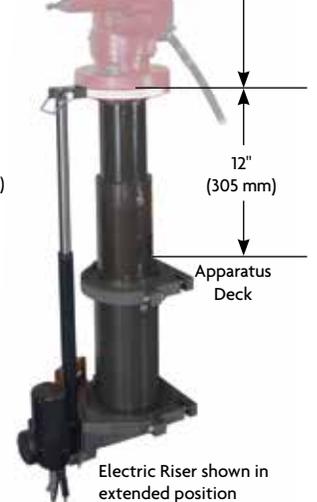
Overcome increased heights of apparatus bodies, raised roof cabs, and other obstacles with the electric riser. It enables an added 12 inches (305 mm) of extension and is the perfect complement to the already superior versatility of the DeckMaster, StreamMaster and other compatible monitors.

3406 Electric Riser For DeckMaster & StreamMaster

- 3" waterway
- 12" extension
- With unique three-piece design, the extremely compact device is only 18 1/2" (470 mm) when nested
- Can be utilized within pump modules that have limited space
- Electrically actuated (12 or 24 volt - Must specify)
- Durable lightweight Pyrolite® construction
- Manual override
- 5 year warranty
- Inlet option: 3" (75 mm) victaulic or NPT (Must specify)
- Outlet options 3" (75 mm) or 4" (100 mm) flange (Must specify)



Electric Riser for DeckMaster



Electric Riser shown in extended position

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3406	38 (17.3 kg)	18 1/2" (470 mm)	11 11/16" (297 mm)	12" (305 mm)	3" (75 mm) NPT or VIC	3" or 4" FL (75 mm or 100 mm)	1250* 1500**	4800* 5700**

* For 3440 **For 3578

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StreamMaster™ II Monitor

With its patented design, the StreamMaster II provides efficient flows up to 2000 gpm (7600 lpm) in a compact configuration. The unique waterway design provides balanced forces on the outlet and reduced friction resulting in exceptional stream performance. The standard absolute position sensors provide advanced features like programmable obstacle avoidance, oscillation, and stow/deploy positions. The onboard, fully sealed IP 67 CAN control system features “plug and play” installation with built-in wireless capability and a USB port for quick software updates in the field. The 355 degree rotation and 165 degree elevation range can be configured for deck or aerial applications making this high performance compact monitor truly universal.

3482 StreamMaster II Monitor 1250 gpm (4800 lpm)

- Compact industry leading operating envelope (6", 152 mm)
- Lightweight Pyrolite construction
- Simple “plug and play” installation
- Integrated wireless compatibility, utilizing the optional 3600 hand-held remote control
- Optional manual override hand-wheels
- Absolute position sensors
- Waterproof (IP 67 rated) control system with locking connectors
- User programmable obstacle avoidance
- User programmable stow and deploy positions
- Superior range of motion
 - Rotation Range 355°
 - Elevation Range +120°, - 45°
- 12V or 24V operation
- Compatible with 3406 Electric Riser
- Ladder avoidance mode - Optional



Style 3482
Shown with 5177 Nozzle

US Patent 8,678,022

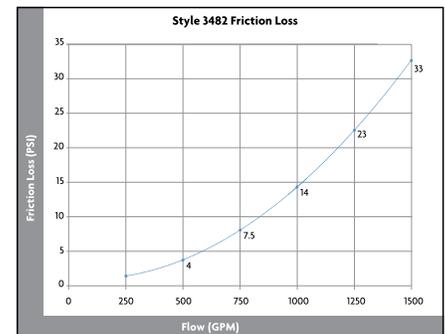
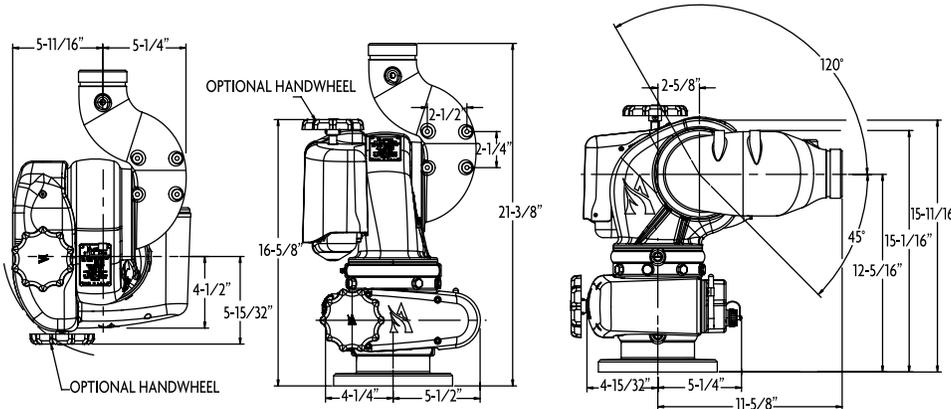
Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3482	38.2 (17.3 kg)*	16" (400 mm)	11" (280 mm)	16 1/8" (410 mm)	3" Flange (DN80)	2 1/2" Male (65 mm)	1250	4800

* Less nozzle

Nozzle Options:



See page 55, 210
for Electric
Monitor Accessories





StreamMaster™ II Monitor

3480 StreamMaster II Monitor 2000 gpm (7600 lpm)

- Compact industry leading operating envelope (6', 152 mm)
- Lightweight Pyrolite construction
- Simple “plug and play” installation
- Integrated wireless compatibility, Utilizing the optional 3600 hand-held remote control
- Optional manual override hand-wheels
- Absolute position sensors
- Waterproof (IP 67 rated) control system with locking connectors
- User Programmable Obstacle Avoidance
- User Programmable stow and deploy positions
- Superior Range of Motion
 - Rotation Range 355°
 - Elevation Range +120°, - 45°
- 12V or 24V operation
- Compatible with 3406 Electric Riser
- Ladder avoidance mode - Optional



Style 3480
Shown with 5177 Nozzle

US Patent 8,678,022

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3480	40.7 (18.5 kg)*	16" (400 mm)	11 1/8" (295 mm)	17" (430 mm)	4" Flange (DN100)	3 1/2" Male (89 mm)	2000	7600

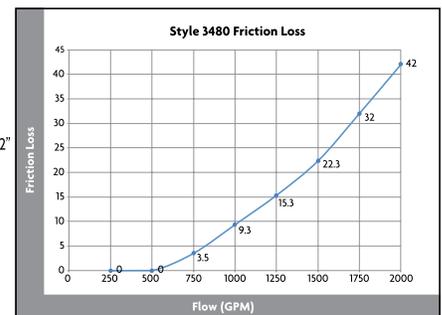
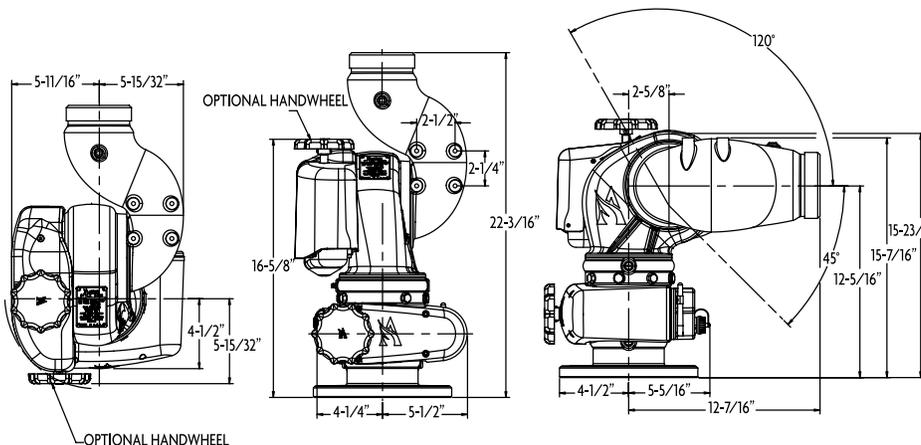
* Less nozzle

See page 55, 210 for Electric Monitor Accessories

Nozzle Options:



Style 3499 Style 2499 Style 2498 Style 3485 Mini Shaper Style 1577 SaberMaster Nozzle Style 5178 Akromatic 2000 Nozzle Style 5177 Akromatic 1250 Nozzle Style 5176 Excel™ 1000 Style 4040, 4042 Akrochem Nozzle Style 4480





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Trident™ HFRT-10 High Flow Monitor 2650 GPM (10,000 LPM)

The Trident HFRT-10 High Flow Firefighting Monitor is the pinnacle water delivery system for fire fighting in the world. This monitor is a culmination of years of industry leading experience and unmatched engineering that has resulted in superior performance and reliability. The Trident's revolutionary look and high tech functionality will deliver up to 2650 gpm (10,000 lpm) of water and/or foam solutions in excess of 395' (120 m), rotates 355° horizontally, and exceeds all your expectations.

3356 Trident HFRT-10

- Manual handwheel override
- Flow: 350-2650 gpm (1325-10,000 lpm)
- Horizontal rotation up to 355°
- Vertical travel from +70° & -30°
- Outlet: 3.5" NH (89 mm)
- Position feedback
- 12V & 24V
- Compatible with Electric MasterStream Nozzles

Inlet Options:

- Bottom 4" Flange 150 lb (DN 100)
- Rear 4" Flange 150 lb (DN 100)
- Rear 4" and 5" Victaulic Flange (100 mm and 125 mm)

Options:

- Style 2489 solid bore tip with 395' (120 m) reach capability
- Style 3624 1700 gpm at 230 psi Foam Tube with Reach up to 305' (93 m)
- Style 5178 Akromatic 2000 gpm Fog nozzle with 300 feet (91 m) reach capability
- Variable Speed Joystick
- Wireless Remote Control
- Dry Chemical Piggy Back
- Inside Cab Manual Overrides with 6' Cable
- Integrated Dual Flow Fog Nozzles and Foam Tubes



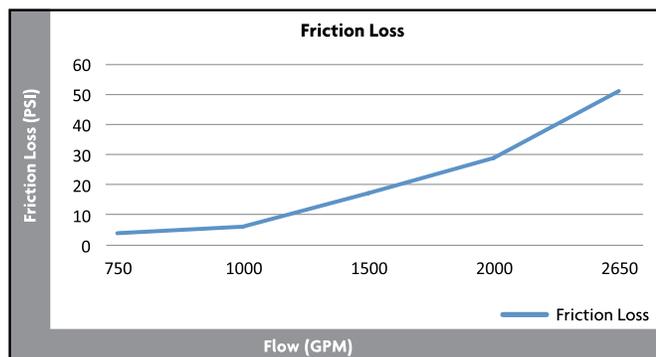
Style 3356
Trident Standard Outlet Shown
with Style 2489 Smooth Bore
and 3485 Stream Shaper

3356 High Flow Monitor
Friction Loss: (Monitor only)

Flow	PSI (bar)
750 GPM (3000 LPM)	4 (.28)
1000 GPM (3800 LPM)	6 (.41)
1500 GPM (6000 LPM)	17 (1.2)
2000 GPM (7600 LPM)	29 (2)
2650 GPM (10,000 LPM)	51 (3.5)



Style 3356
Trident Standard Outlet
Shown with Style 5178
Akromatic™ 2000 Nozzle



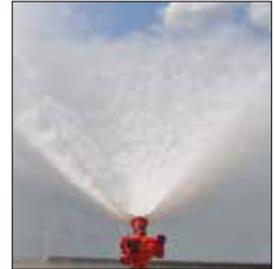


AeroMaster12™ Monitor 3000 GPM (12000 LPM) NEW

The AeroMaster12 is the groundbreaking future in monitor technology. This marvel of engineering incorporates a waterway that is both velocity and pressure balanced. With this innovation, the AeroMaster12 provides a smooth operation through its 355° of rotational range and 190° (+120°/-70°) of vertical travel. Additionally, a friction loss of less than 1.4 bar (25 psi) at 12,000 lpm (3,000 gpm) is achieved. The standard absolute position sensors provide advanced features like programmable obstacle avoidance, oscillation, and stow/deploy positions. The onboard, fully sealed IP 67 CAN based monitor control system features simple “plug and play” installation with built-in wireless capability and a USB port for quick software updates in the field.

3000 AeroMaster12 Monitor

- Compact low profile design
- Lightweight Pyrolite construction
- Pressure and velocity balanced for faster speeds and longer life cycle
- CAN multiplexed controls provide simple “plug and play” installation
- Integrated wireless compatibility, utilizing the optional 3600 hand held remote control
- Waterproof (IP 67 rated) electronic control system with locking connectors
- User programmable obstacle avoidance, stow and deploy positions, soft stops, and auto oscillation
- Superior range of motion
 - Rotation range 355°
 - Elevation range 190° (+120° to -70°)
- Proportional speed control
- Manual override handwheel controls (only spin when engaged in manual operation)
- Optional 12V or 24V operation
- Optional Point-Aim Joystick
- Optional patent pending Style 730 Quick-Attack field detachable foam tube
- Optional patent pending flat dispersed ring on fog nozzle



Style 3000
Shown with Style 3700 Nozzle

*Preproduction model shown.
Actual model may vary.*

Style	Weight kg (lbs.)	Height	Width	Depth	Inlet	Outlet	Flow		Pressure	
							GPM	LPM	Working (Pr)	Maximum (Pn)
3000	50* (110)	508 mm (19 3/8")	600 mm (23 5/8")	700 mm (27 5/8")	DIN 150 or 150 mm (6") ASA	115 mm (4 1/2")	3000	12000	10 bar (150 psi)	16 bar (232 psi)

* Less nozzle

Akromatic™ 3000 Nozzle with Optional Foam Tube NEW

The Style 3700 is a 6,000 to 12,000 lpm (1,500 - 3,000 gpm) automatic nozzle with reach capabilities up to 125 m (410'). With a 4.5" inlet, this nozzle is designed as the perfect match to the Aeromaster12 monitor. The Style 3700 is available with an optional flat disperse pattern ring providing outstanding ground coverage of 46 m (152') wide and maintains in cab operator visibility when used in roof mounted applications. To maximize foam expansion and drain time, just add the field detachable Style 730 Quick-Attack foam tube. The combination of the flat dispersed pattern and the detachable foam tube is patent pending. This flat dispersed pattern ring allows the dispersion jaws to be moved from the end of the foam tube to the front of the foam tube. The result is a lighter foam tube with less moving parts.

3700 Akromatic 3000 Nozzle with Optional Foam Tube

- Lightweight Pyrolite construction
- Automatic flow ranges from 6000 - 12,000 lpm (1,500 - 3,000 gpm)
- Optional flat dispersed ring on the fog nozzle
- Optional Style 730 Quick-Attack Detachable Foam Tube
- Optional 12V or 24V operation



Style 3700
Shown with Optional
Flat Disperse Ring



Style 3700
Nozzle Only



Style 730
Shown with Optional
Foam Tube



Style 3000
Shown with Style 3700 Nozzle
and Style 730 Foam Tube



Municipal Electric Monitors

Renegade™ Electric Monitor 5000 GPM (19,000 LPM)

The Renegade electric monitor is a large flow master stream appliance designed specifically for industrial pumpers, aerials, or fixed site applications. This unique monitor combines an all-electric control package with a compact design to provide superior performance and easy installation.

3580 Renegade Electric Monitor

- Lightweight Pyrolite® construction less than 200 lbs. including the nozzle
- Low friction loss only 27 psi at 5000 gpm
- Nozzles incorporate new stream shaper for improved stream performance
- Advanced features: position feedback, automatic stow, low current draw and more
- Additional features: manual overrides, drain port, multiple outlet positions and more
- Optional position indicator (Must specify)
- See page 208 for Monitor/Fog Nozzle Compatibility Chart

Three middle elbow mounting positions (Must specify)

- 1 90° - Aerial Applications
- 2 45° - Pumper Applications
- 3 22 1/2° - Pumper Applications (With Height Restriction)



Style	Weight lbs. (kg)	Inlet	Outlet	Flow	
				GPM	LPM
3580	150 (68 kg)*	8" FL (200 mm)	6" FL & Storz (150 mm)	5000	19000

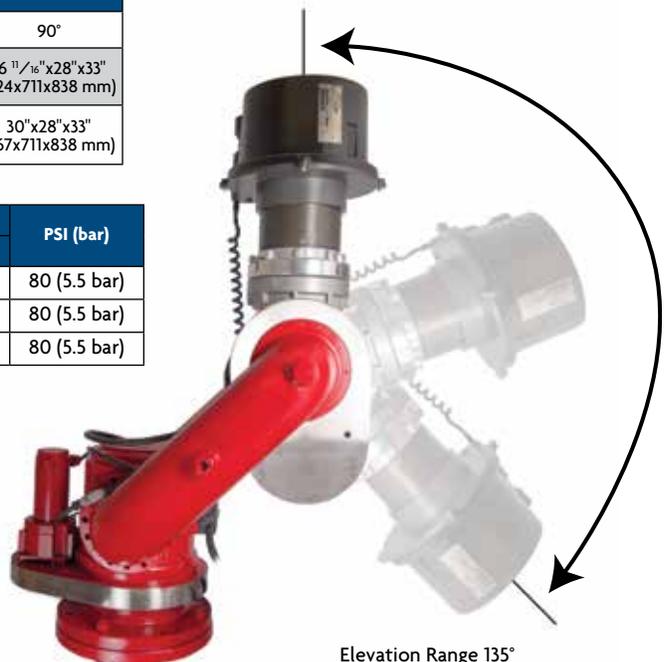
* Less nozzle

Renegade Cube Dimensions			
Middle Elbow Angle	22.5°	45°	90°
Dimensions (LxWxH)*	33 3/16"x28"x22" (843x711x559 mm)	29 5/16"x28"x28" (245x711x711 mm)	16 11/16"x28"x33" (424x711x838 mm)
Dimensions (LxWxH) w/ nozzle*	49 11/16"x28"x22" (1262x711x559 mm)	42 13/16"x28"x28" (1088x711x711 mm)	30"x28"x33" (767x711x838 mm)

* 6" flange outlet

Available Nozzles	Type	Flow		PSI (bar)
		GPM	LPM	
5088	Automatic	1000-5000	3800-19000	80 (5.5 bar)
2188	Fixed	1000-5000	3800-19000	80 (5.5 bar)
2189	Adjustable	1000, 2000, 3000, 5000	3800, 7600, 19000	80 (5.5 bar)

See Page 55, 210 for Electric Monitor Accessories







Municipal Electric Monitors

Universal II Monitor Control System

The Universal II Monitor Control System is the highest performing most technologically advanced monitor control system. The Universal II Control System is an intelligent embedded controller compatible with both CAN and V-MUX® multiplexed networks simplifying installation while greatly expanding user configurable options and interfaces. This system's unique design empowers you to configure your monitor system giving you simplified and total control.

- “Plug and Play” for simplified installation
- V-MUX & CAN (J1939) Compatible
- Field Upgradeable Software
- Modular Design for Simplified Maintenance
- Onboard Diagnostic Capabilities
- Real Time Monitor Position Feedback *
- Proportional Speed Controls
- IP67 Rated Enclosure for Water & Corrosion Resistance

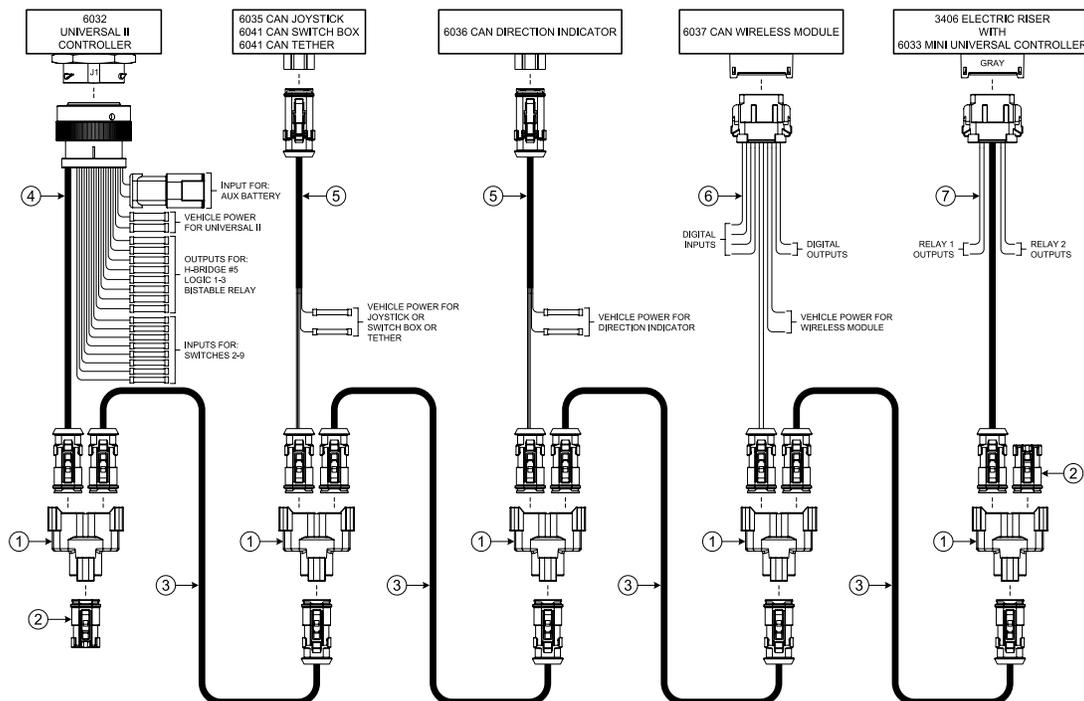
* Optional - Must specify

Style 6032
Universal II
Logic Box



HARNESSES FOR CONNECTING UNIVERSAL II CONTROLLER TO CAN DEVICES

Item	Description	Length	Part Number
1	Receptacle Connector – CAN “Y” Adapter (Deutsch #DT04-3P-P007). Connects together two CAN Network Harnesses and one CAN Stub Harness.		758306
2	Plug Connector – CAN 120Ω Terminator (Deutsch #DT06-3S-PP01). Two are required per system and plug into the CAN “Y” Adapters at each end of the CAN network.		742205
3	CAN Network Harness – Extends the CAN network to a CAN node device (an operator station for example). Connects between two CAN “Y” Adapters.	½ ft. (0.15 m) 2 ft. (0.61 m) 3 ft. (0.91 m) 5 ft. (1.52 m) 10 ft. (3.05 m) 20 ft. (6.10 m) 30 ft. (9.14 m) 40 ft. (12.19 m)	721659 721667 721572 721573 721574 721570 721665 721575
4	CAN Stub Harness – Connects the CAN network to the 6032 Universal II Controller	3 ft. (0.91 m)	721582
5	CAN Stub Harness – Connects the CAN network to a 6035 Joystick, 6041 Switch Box or 6036 Direction Indicator. Includes power and ground wires for connecting power to the control devices.	3 ft. (0.91 m) 10 ft. (3.05 m)	721579 721677
6	CAN Stub Harness – Connects the CAN network to a 6037 CAN Wireless Module. Includes power and ground wires for connecting power to the module. Also includes four wires for switch inputs and two wires for digital outputs.	3 ft. (0.91 m)	721580
7	CAN Stub Harness – Connects the CAN network to a 3406 Electric Riser via the 6033 Mini Universal Controller. Includes four wires for the Extend and Retract Relay contacts.	3 ft. (0.91 m)	721594





Standard Controls

60350009
CAN Proportional
Joystick



60410023



60410008

Universal II Electric Monitor Optional Accessories

Switch Interface
Transmitter
(SIT) Module
36000004



Style 6037
CAN Wireless
Receiver Interface



WRC - Hand
Held Controller
36000002



60412001
CAN Teather



60510005 Panel Mount
Interface for use
with 60412001



Style 6036
CAN Direction
Indicator



60350017
Point-Aim Joystick

NEW



60350012 ARFF
CAN Joystick



60410022
OEM Interface
Module



60510002
CAN Gateway
Module



60510006
CAN Repeater



60411005



60410029



60410034



60411003



60410028



60411000



Municipal Portable Monitors

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Mercury Quick Attack Monitor 500 GPM (1900 LPM)

The Mercury Monitors are smaller than any other portable ground monitor so they can be quickly set up and left unmanned at the fire scene to free up valuable personnel.

- 3443 Mercury Quick Attack Monitor**
- Rated flows up To 500 gpm (1900 lpm)
 - Quick deployment
 - Unmanned use
 - Rotation $\pm 20^\circ$
 - Elevation 30° to 60° unmanned, and down to 20° when manned



Style 3443 Shown with Style 4445 Nozzle



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3443	14 † (6.4 kg)	9 5/8" (245 mm)	23 1/8" (588 mm)* 7 13/16" (199 mm)**	14 9/16" (370 mm)*	2 1/2" F (65 mm) 2 1/3" or 3" Storz (65 or 75 mm)	2 1/2" (65 mm)	500	1900

*Deployed Legs

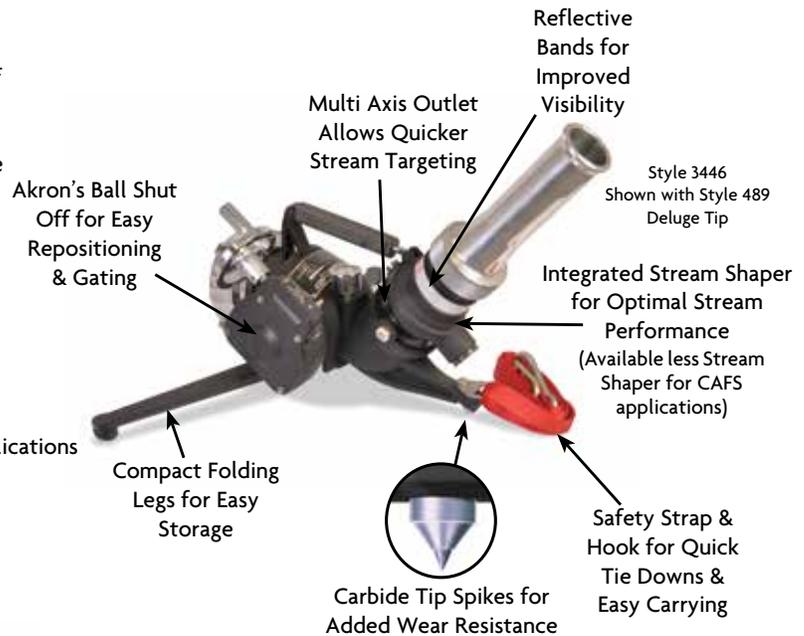
** Folded Legs

† Less Nozzle

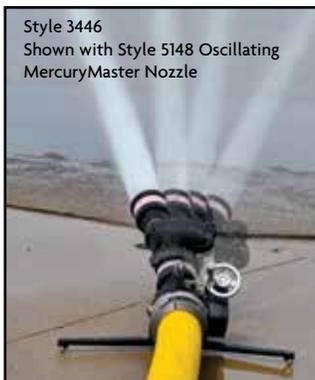
MercuryMaster 1000™ 1000 GPM (3800 LPM)

The MercuryMaster 1000 is the smallest and lightest of all 1000 gpm monitors in the firefighting industry. This monitor will save valuable time at the fire scene with quick deployment and conserves precious space on the fire truck with its compact size.

- 3446 MercuryMaster 1000™**
- Rated flow up to 1000 gpm (3800 lpm)
 - Rotation $\pm 20^\circ$
 - Elevation 30° to 60°
 - Unmanned use
 - Low friction loss
 - Pressure gauge
 - Available less Stream Shaper for CAFS applications



Style 3446 Shown with Style 489 Deluge Tip



Style 3446 Shown with Style 5148 Oscillating MercuryMaster Nozzle



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3446 Single	24 (10.8 kg)	11 1/16" (281 mm)	25"* (635 mm) 10 1/8"*** (257 mm)	16 3/16"* (410 mm)	3 1/2 - 5" F (89-125 mm) 4", 5" Storz (100, 125 mm)	2 1/2" (65 mm)	1000	3800
3446 Dual	24 (10.8 kg)	11 1/16" (281 mm)	25"* (635 mm) 12 1/2"*** (318 mm)	21 5/16" (541 mm) 22 7/16" (570 mm) BIM 21 13/16" (554 mm) STORZ	2 1/2 or 3" F (65 or 75 mm)	2 1/2" (65 mm)	1000	3800

*Deployed Legs

** Folded Legs



Municipal Portable and Truck Monitors

Ozzie™ 911 Oscillating Monitor 350 GPM (1325 LPM)

The Akron® Ozzie 911 Oscillating Monitor has a powerful sweeping water stream for high performance attack and protection. Its unique water driven motor sweeps the outlet back and forth in a smooth, wave-like motion to provide cooling and protection while unmanned. The Ozzie Oscillating Monitor operates by itself to provide greater flexibility by protecting exposures while personnel work elsewhere. The Ozzie 911 Oscillating Monitor is suited for haz-mat situations, protecting exposures, and attacking fires.

911 Ozzie Oscillating Monitor

- Adjustable sweeping range 30° either side of center
- Vertical travel from 35° to 90° above horizontal
- On/Off knob can stop oscillation at any point
- Built-in pressure gauge
- See page 209 for Monitor/Fog Nozzle Compatibility Chart



Style 911
Shown with Style 4827 Tip



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
911	29* (13 kg)	13 3/8" (340 mm)	23 3/4" (603 mm)	19 1/4" (490 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	350	1325

* Less nozzle

Ozzie™ Master 922 Oscillating Monitor 1250 GPM (4800 LPM)

The Akron® Ozzie Master 922 Oscillating Monitor has a powerful sweeping water stream for high performance attack and protection. Its' unique water-driven motor sweeps the outlet back and forth in a smooth, wave-like motion to provide cooling and protection while unmanned. The Ozzie Master Oscillating Monitor operates by itself to provide greater flexibility by protecting exposures while personnel work elsewhere. Ozzie Oscillating Monitors are suited for haz-mat situations, protecting exposures, and attacking fires.

922 OzzieMaster™ Oscillating Monitor

An Ozzie Liftoff designed for use with an Apollo™ Single or Dual Inlet Ground Base, See page 59

- Adjustable sweeping range 25° either side of center
- Vertical travel from 45° to 90° above horizontal
- On/Off knob can stop oscillation at any point
- Built-in pressure gauge
- See page 209 for Monitor/Fog Nozzle Compatibility Chart



Style 922
Shown with Style 1745 TurboMaster™ Master Stream Nozzle mounted on Apollo Single Inlet Ground Base

Style	Weight lbs. (kg)	Height	Length	Width	Inlet	Outlet	Ground Flow		Deck Flow	
							GPM	LPM	GPM	LPM
922	27 1/2** (12.5 kg)	13*** (330 mm)	21" (533 mm)	17 3/4" (450 mm)	See Apollo Inlet Options	2 1/2" (65 mm)	1000 Single Inlet 750 Dual Inlet	3800 Single Inlet 2900 Dual Inlet	1250	4800

* Less ground bases and nozzle

** Liftoff only, does not include direct mount flange or adapter

NOTE: A direct mount flange allows the OzzieMaster Oscillating Monitor to be used as a deck monitor.

Municipal Portable and Truck Monitors



Municipal Monitors

Apollo™ Monitor 1250 GPM (4800 LPM)

Akron® Apollo Monitors offer a variety of models with features to fit the ever increasing demands of the fire service with a durable, dependable and stable monitor.

- 360° rotation when mounted in the deck mode, 180° in the portable mode
- Vertical travel from 90° above to 15° below horizontal, with built-in 35° safety stop
- 3" waterway with cast-in turning vanes for efficient flow
- Direct mount - a combination 3" NPT female and 3" flange
- Carbide spikes for extended wear (Spike covers optional)
- Also available as portable only or deck mount only - must specify
- See page 208 for Monitor/Fog Nozzle Compatibility Chart



Style 3416
Shown with Style 5160 Akromatic®
Master Stream Nozzle



Style 3423
Shown with Style 3488
Discharge Pipe & Style 2499
Quad Stacked Tips

3414 Apollo Single Inlet Portable Monitor
• Includes a ground base and liftoff



3421 Apollo Dual Inlet Portable Monitor
• Includes a ground base and liftoff



3416 Apollo Single Inlet Portable and Deck Monitor
• Includes a ground base, liftoff and direct mount



3423 Apollo Dual Inlet Portable and Deck Monitor
• Includes a ground base, liftoff and direct mount



NOTE: Available in deck only configurations - Must specify

Style	Weight lbs. (kg)		Deck Height	Deck Width	Deck Depth	Inlet	Outlet	Ground Flow		Deck Flow	
	Liftoff	Gd Base						GPM	LPM	GPM	LPM
3414/ 3416	23 (10.4 kg)*	38 1/2 (17.5 kg)	** 12 11/16" (305 mm)	13" (331 mm)	23 1/2" (597 mm)	3 1/2" - 5" F (89-125 mm) 4", 5" STORZ (100, 125 mm)	2 1/2" Male (65 mm)	1000	3800	1250	4800
3421/ 3423	23 (10.4 kg)*	32 (14.5 kg)	** 12 11/16" (305 mm)	13" (331 mm)	23 1/2" (597 mm)	2 1/2" or 3" F (65 or 75 mm)	2 1/2" Male (65 mm)	800	3030	1250	4800

* Less nozzle ** Measured from flange base to the top of the liftoff (Excludes nozzle or tips). Elevation Elbow extends 1" (25 mm) below flange base



Municipal Portable and Truck Monitors

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Apollo PE™ Monitor 1250 GPM (4800 LPM)

The Style 3419 Apollo PE (Portable Electric) has flow capabilities of 1250 gpm (4800 lpm) with a self-contained battery and electronic control system. The Apollo PE offers motorized rotation, elevation, and nozzle pattern control. Programmable oscillation from 0-180 degrees in portable mode, 0-355 degrees in truck mode and RF wireless remote control are key features that allow for operation from safe distances using less manpower in fire or Haz-Mat situations. This robust monitor also features a smart ground mode configuration system which automatically positions the monitor for ground base installation. A quick change battery system allows for extended run times and is compatible with 12 or 24 volt systems.

- Flow capabilities of 1250 gpm (4800 lpm)
- Completely sealed, waterproof connectors
- Programmable oscillation
- Integrated and sealed electronics
- RF wireless control
- 12V or 24V compatible in one unit
- Quick change rechargeable battery system for truck and portable applications
- Simple “plug and play” installation
- Uses standard Apollo ground bases



Style 3419
Shown with 5177 1250
gpm Nozzle



Style 3600
Wireless Remote

Style 6035
CAN Joystick



Style 6041
CAN Panel Mount
Control



Style 3419
Direct Mount
Flange



Style
2499



Style
2498



Style 1577
SaberMaster
Nozzle



Style 5177 Nozzle



Style
3485

Additional Options:

- Style 6035 - CAN proportional speed joystick
- Style 6041 - CAN panel mount control station
- Style 6045 - Spare battery with storage/charging bracket
- Style 3419 – Direct mount with elevation stop interlock

Nozzle Options:

- Style 5177 Akromatic 1250
- Style 2499 quad stacked tips, with 3485 mini shaper
- Style 2498 triple stacked tips, with 3485 mini shaper

Style	Weight lbs. (kg)		Deck Height	Deck Width	Deck Depth	Inlet	Outlet	Ground Flow		Deck Flow	
	Liftoff	Ground Base						GPM	LPM	GPM	LPM
3419	45 (20.5 kg)*	Single Inlet 38 1/2 (17.5 kg)	13" (331 mm)	15" (381 mm)	18 3/8" (467 mm)	Single Inlet 3 1/2" - 5" F (89-125 mm) 4", 5" STORZ (100, 125 mm) Dual Inlet 2 1/2" or 3" F (65 or 75 mm)	2 1/2" Male (65 mm)	Single Inlet 1000	Single Inlet 3800	Single Inlet 1250	Single Inlet 4800
		Dual Inlet 32 (14.5 kg)						Dual Inlet 800	Dual Inlet 3030	Dual Inlet 1250	Dual Inlet 4800

* Less nozzle



Municipal Portable and Truck Monitors



Municipal Monitors



The Apollo™ PE can be truck mounted and used as a portable monitor. See page 60.



Municipal Portable and Truck Monitors

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Apollo Hi-Riser™ Monitors 1250 GPM (4800 LPM)

The Apollo Hi-Riser includes the outstanding features of the standard Apollo along with the added benefit of rising over obstacles on top of the apparatus. To elevate the Apollo Hi-Riser, simply pull a pin and raise the discharge 24" above the deck. Also, the Apollo Hi-Riser rotates easily down to a low profile position for portable operation and comes complete with an automatic drain valve.

3431 Apollo Hi-Riser Single Inlet Portable and Deck Monitor

- Includes single inlet ground base, liftoff and direct mount

3433 Apollo Hi-Riser Dual Inlet Portable and Deck Monitor

- Includes a dual inlet ground base, liftoff and direct mount



NOTE: Available in deck only configurations - Must specify

Style	Weight lbs. (kg)		Deck Height	Width **	Depth**	Inlet	Outlet	Ground Flow		Deck Flow	
	Liftoff	Gd Base						GPM	LPM	GPM	LPM
3431	31 * (14.1 kg)	38 1/2 (17.5 kg)	** 15 1/4" (387 mm)	14 9/16" (370 mm)	18 5/8" (473 mm)	3 1/2" - 5" F (89-125 mm) 4", 5" STORZ (100, 125 mm)	2 1/2" Male (65 mm)	1000	3800	1250	4800
3433	31 * (14.1 kg)	32 (14.5 kg)	** 15 1/4" (387 mm)	14 9/16" (370 mm)	18 5/8" (473 mm)	2 1/2" or 3" F (65 or 75 mm)	2 1/2" Male (65 mm)	800	3030	1250	4800

* Less nozzle

** Stowed position, measured from base of flange to top of lift off, elevation elbo extends 2" (50 mm) below flange base



Style 3431/3433
Shown in deck mount mode with
Style 5160 Akromatic Master
Stream Nozzle

Patented 6,109,360

Apollo™ Accessories

- 3401 Monitor Support Flange**
- For use with 3" NPT pipe extended above the deck

Style 3401



- 3501 Direct Mount Cover**
- Designed to prevent the Direct Mount Flange from collecting debris when left exposed

Style 3501



Upper Deck

Designed to add 18" of additional height to the Apollo during deck operation. A simple and economical way to gain clearance over obstructions. Available with optional "unit mounted" indicator switch. (Note: Not for use with Apollo Hi-Riser)

- 3405 Upper Deck**
- Height: 19 1/4", weight: 10 lbs.



Style 3405
Shown with Apollo
Monitor

Apollo Base Mounts

- 3503 Apollo Top Mount**
- Easily mounts the Apollo on top of a vehicle for deck gun operation or storage on a vertical surface
 - Size: 22" x 15 1/4", weight: 7 1/2 lbs.

- 3502 Apollo Running Board Mount**
- Same as Style 3503 except with an "L" bracket for storage on a running board
 - Size: 22" x 21 3/4", weight: 12 1/2 lbs.

- 3505 Mount for Apollo Ground Base**
- Conveniently store the Apollo ground base with folding legs in a standard apparatus compartment
 - Length: 10", thickness: 2 1/2", weight: 1 5/8 lbs.



Style 3505



Style 3503



GP Manual Monitor 1000 GPM (3800 LPM)

The GP Manual Monitor is one of the most cost effective, highest performing firefighting monitors found worldwide. This monitor's rugged, lightweight design was engineered using some of the world's most advanced computer aided design and testing technology, resulting in performance seen by no other 1000 gpm (3800 lpm) monitor today. Once you grab the dual handled controls, you will know you are using the most highly maneuverable, easiest operating, most versatile fire service monitor in the world.

3430 GP Manual Monitor

- Rated flow up to 1000 gpm (3800 lpm)
- Rotation Continuous 360°
- Elevation +90° to -45°
- Cast-in turning vanes & integrated removable stream shaper for maximum reach and stream performance
- Built-in pressure gauge
- "T" handle manual control provides precise, easy positioning and control
- Compact, efficient design requires minimum mounting space
- See page 208 for Monitor/Fog Nozzle Compatibility Chart



Style 3430
with 487 GP
Smooth Bore Tip

Style	Weight Lbs.	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3430	15.4 lbs (7 kg)	13 1/4" (337mm)*	11" (279mm)	9 13/16" (250 mm)	3"-4" Flange (75-100 mm) DN80-100 Flange 2 1/2 - 3" NPT or BSP	2 1/2" NH (65 mm)	1000	3800

* Less Tiller Bar

See Page 55, 210 for Electric Monitor Accessories



Gemini™ Monitor 1000 GPM (3800 LPM)

The Gemini Monitor is of Pyrolite® construction with a compact split waterway designed with cast-in turning vanes providing performance and exceptional durability.

3470 Handwheel Gemini Monitor

- 360° continuous horizontal rotation
- Self-locking handwheel for horizontal and vertical travel
- Built-in pressure gauge with gauge guard
- See page 208 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3470	25 (11.3 kg)	20" (508 mm)	12 1/4" (312 mm)	14 5/16" (364 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800



Style 3470
Shown with Style
3488 Discharge Pipe
& Style 489 Tip



Municipal Manual Monitors

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Ladder Pipes 750/1000 GPM (3000/3800 LPM)

The Akron® Ladder Pipe offers a lightweight, compact design for uniped ladder trucks.

1495 Ladder Pipe 1000 GPM (3800 LPM)

- New easy adjustable mounting clamp with safety pins for more secure mounting
- Horizontal lock permits 15° sweep either side of center
- Removable control handle adjusts to 12 positions
- Lightweight extruded aluminum discharge pipe with full-length stream shaping fins
- 200 ft. 3/8" No. 1 Grade pure manila rope
- Adjustable mounting clamps for round rung ladders, square clamps available - Must Specify
- Optional 14950007 Mounting fixture - Must Specify

1496 Classic Ladder Pipe 750 GPM (3000 LPM)

- Uses 04970001 Mounting fixture - Optional -, Must Specify

Style	Weight lbs. (kg)	Length	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
1495	27 (12.3 kg)	39 7/8" * (1013 mm)	14 1/8" * (359 mm)	9 1/8" * (232 mm)	2 1/2" or 3" (65 or 75 mm)	2 1/2" (65 mm)	1000	3800
1496	23.5 (10.7 kg)	38" (965 mm)	17" (432 mm)	11 1/2" (292 mm)	2 1/2" or 3" (65 or 75 mm)	2 1/2" (65 mm)	750	3000

* Less Nozzle



Style 1495
Shown with
Style 489 Tip and
Discharge Pipe

Aries™ Monitor 1250 GPM (4800 LPM)

3425 Aries Monitor

- Pyrolite® finish
- Cast-in turning vanes for efficient flow
- Full 3" waterway
- Handwheel controlled vertical travel for improved positioning control, 90° above to 15° below horizontal
- Grease fittings for easy maintenance
- A friction lock on the horizontal travel
- See page 208 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3425	24 3/4 (11.2 kg)	17" (431 mm)	12 3/4" (324 mm)	26 7/8" (683 mm)	2 1/2" - 3" (65-75 mm) NPT or FL	2 1/2" (65 mm)	1250	4800



Style 3425
Shown with Style 1747 Excel
1000" Master Stream Nozzle

Apollo™ Single Waterway Monitors 1250/2000 GPM (4800/7600 LPM)

- Designed for fixed installations in non-corrosive environments
- Durable lightweight Pyrolite® construction
- Cast-in turning vanes in each elbow for more efficient flow and improved stream performance
- 360° horizontal and 150° vertical travel
- Elevation 90° above to 60° below horizontal
- See page 208 for Monitor/Fog Nozzle Compatibility Chart

3426 3" Apollo Single Waterway Monitor

- A friction lock on both the vertical and horizontal travel
- Built-in pressure gauge and gauge guard

3436 4" Apollo Single Waterway Monitor

- Gas spring for better balance with various nozzle weights
- Brake band lock on the vertical and horizontal travel
- Sleeve and ball bearing swivel joints for easy operation

Style 3426
Shown with Discharge Pipe
Style 3488 & Tip Style 489



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3426	21 (9.5 kg)	17" (431 mm)*	12 3/8" - 15 1/8" (315 - 385 mm)	32 3/4" (832 mm)	2 1/2" - 3" (65-75 mm) NPT or FL	2 1/2" (65 mm)	1250	4800
3436	37 (16 kg)	18 1/4" (464 mm)*	17 1/2" (445 mm)	42 3/16" (1072 mm)	4" FL (100 mm)	3 1/2" NPSH (89 mm) 4" NH (100 mm)	2000	7600

* Not including tiller bar



StreamMaster™ II Manual Monitors 1250/2000 GPM (4800/7600 LPM)

The StreamMaster II manual monitor is taking monitor design technology to the next level. Included in its patented design is a unique waterway construction capable of flows from 250 gpm (950 lpm) up to 1250 gpm (4800 lpm). For the 3483 or 500-2000 gpm (1900-7600 lpm) for the 3481. This waterway provides balanced forces on the outlet and reduced friction loss resulting in exceptional stream performance over this wide-range of flows in a small compact package. This dual handwheel controlled monitor is suited for large flow needs in fire apparatus and fixed site installations.

- Compact industry leading operating envelope (10.5", 266.7 mm)
- Easy handwheel operation of both horizontal and vertical travel
- Rotational Range: Elevation 45° below to 90° above horizontal
- See page 208 for Monitor/Fog Nozzle Compatibility Chart

3483 3" Flange inlet, 2 1/2" NH outlet up to 1250 gpm flow

3481 4" Flange inlet, 3 1/2" NH outlet up to 2000 gpm flow



Style 3481
Shown with
Style 5170 Nozzle

Style	Weight * lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3483	31 (14 kg)	18 1/4" (464 mm)	10 29/64" (265 mm)	11 5/8" (295 mm)	3" Flange (DN80)	2 1/2" Male (65 mm)	1250	4800
3481	33.3 (15.1 kg)	18 1/4" (464 mm)	11 3/4" (298 mm)	12 7/16" (316 mm)	4" Flange (DN100)	3 1/2" Male (89 mm)	2000	7600

* Less nozzle

StreamMaster Monitors 2000 GPM (7600 LPM)

The StreamMaster Monitor has uniquely designed, low profile 4" waterway with cast-in turning vanes. When coupled with an 80 psi nozzle, the pump can operate at lower pressures for flows up to 2000 gpm (7600 lpm).

3570 StreamMaster Manual Monitor

The Streammaster Manual Monitor is a dual handwheel controlled monitor suited for large flow needs in fixed site installations.

- Pyrolite® finish
- Full 360° horizontal travel and 135° vertical travel, both with adjustable stops
- Elevation 45° below to 90° above horizontal
- Smoother, easier handwheel operation of both horizontal and vertical travel
- See page 208 for Monitor/Fog Nozzle Compatibility Chart



Style 3570
Shown with Style 5170
Akromatic 2000 Master
Stream Nozzle

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3570	33 (15 kg)	16 5/8" (422 mm)	14 13/16" (376 mm)	20 5/8" (524 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600